

### **Listing of the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (original) A method of reutilization of waste plastic characterized by melting waste plastic at over 160°C to 250°C in temperature in part or whole, compression shaping it to thereby obtain a plastic granular material having an apparent density of 0.7 to 1.2 kg/liter, and mixing this plastic granular material with coal for carbonization in a coke oven.

2. (original) A method of reutilization of waste plastic as set forth in claim 1, characterized in that said plastic granular material is mixed with the coal in a ratio, in mass ratio with respect to the coal, of 6 mass% or less.

3. (amended) A method of reutilization of waste plastic as set forth in claim 1 ~~or 2~~, characterized by compression shaping the waste plastic by the method of heating it by a heating means and extruding it into a tubular part.

4. (amended) A method of reutilization of waste plastic as set forth in ~~any one of claims 1 to 3~~ claim 1, characterized by bringing the gas produced at the time of compression shaping the waste plastic into contact with water or an ammonia solution and combining the water or ammonia solution with an ammonia solution of an ammonia solution treatment facility attached to the coke oven.

5. (original) A method of shaping of waste plastic characterized by compression shaping waste plastic by the method of heating it by a heating means and extruding it into a tubular part at over 160°C to 250°C in temperature, bringing the gas produced at the time of compression shaping into contact with water or an ammonia solution, and combining the water or ammonia solution with an ammonia solution of an ammonia solution treatment facility attached to the coke oven.